

Converting Colors

$Y_{xy}(29.7029, 0.3514, 0.2960)$

Have a look what the booklet for
Yxy(29.7029, 0.3514, 0.2960)
contains.

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Color

Yxy(29.7216, 0.3514, 0.2964)

Conversions

Conversions Part 1

Format	Color
Hex	BD849C
RGB	189, 132, 156
RGB Percent	74%, 52%, 61%
CMY	0.2588, 0.4823, 0.3884
CMYK	0.00, 0.30, 0.17, 0.26
HSL	335°, 30%, 63%
HSV	335°, 30%, 74%
XYZ	35.2367, 29.7216, 35.3170
YIQ	151.7790, 26.2680, 19.5480

Conversions

Conversions Part 2

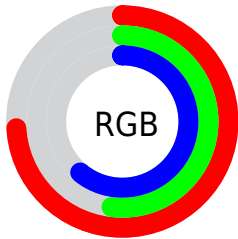
Format	Color
R _Y B	189, 132, 156
Decimal	12420252
CIE Lab	61.41, 25.51, -3.94
CIE LCh	61, 25.814, 351.209
Yxy	29.7216, 0.3514, 0.2964
Android (android.graphics.Color)	4290610332 (0xFFBD849C)
YUV	151.7790, 2.0810, 32.6428
Hunter-Lab	54.5175, 19.9657, -0.2464

Details

The Yxy color **29.7216, 0.3514, 0.2964** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.0216, 0.2856, 0.3643**, and the grayscale version is **31.2818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3638, 0.3438, 0.3037**, and **12.2054, 0.3647, 0.2861** is the 20% darker color. If you saturate the color by 10%, you get **24.6981, 0.3698, 0.2852**, and if you desaturate by 10%, it is **35.7099, 0.3360, 0.3076**.

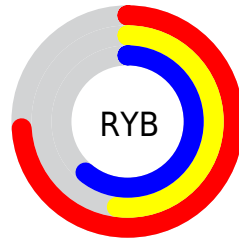
Distribution



Red (74%)

Green (52%)

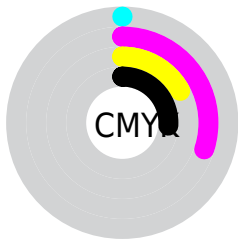
Blue (61%)



Red (74%)

Yellow (52%)

Blue (61%)

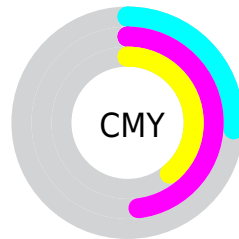


Cyan (0%)

Magenta (30%)

Yellow (17%)

Black (26%)



Cyan (26%)


Magenta (48%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7216, 0.3514, 0.2964 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 29.7216, 0.3514, 0.2964 by changing the saturation by 10% instead.


 29.7216, 0.3514,
0.2964


 29.7216, 0.3514,
0.2964


300.6046, 0.3308,
0.3136

 19.6274, 0.3570,
0.2918


 59.2216, 0.3436,
0.3029

 12.1245, 0.3645,
0.2857


 79.3962, 0.3407,
0.3052

 6.8285, 0.3750,
0.2772


 103.6997, 0.3384,
0.3072

 3.3551, 0.3909,
0.2647

132.5165, 0.3364,
0.3089

 1.3198, 0.4174,
0.2443

166.2310, 0.3347,
0.3103

 0.1565, 0.5614,
0.1139

205.2276, 0.3332,

 0.0000, 0.0000,

0.3115

0.0000

249.8907, 0.3319,
0.3126

■ 29.7216, 0.3514,
0.2964

■ 29.7216, 0.3514,
0.2964

■ 24.6981, 0.3698,
0.2852

■ 35.7099, 0.3360,
0.3076

■ 20.5843, 0.3914,
0.2748

■ 42.7063, 0.3233,
0.3185

■ 17.3257, 0.4163,
0.2661


■ 50.7561, 0.3129,
0.3288

■ 14.8603, 0.4439,
0.2602


■ 59.9009, 0.3043,
0.3384


■ 13.1175, 0.4732,
0.2584

■ 70.1798, 0.2972,
0.3473


 12.0141, 0.5025,
0.2617

 81.6302, 0.2913,
0.3554

 11.3905, 0.5298,
0.2692

 88.2029, 0.2860,
0.3532

 88.8474, 0.2804,
0.3411

 89.5315, 0.2749,
0.3293

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.7216, 0.3089, 0.2727



29.7216, 0.3514, 0.2964



29.7216, 0.3844, 0.3282

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.7216, 0.3514, 0.2964



29.7216, 0.3530, 0.4044



29.7216, 0.2354, 0.2875

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



29.7216, 0.3514, 0.2964



44.0216, 0.2856, 0.3643

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29.7216, 0.2455, 0.3233



29.7216, 0.3514, 0.2964



29.7216, 0.3120, 0.3956

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.7216, 0.3514, 0.2964



29.7216, 0.3845, 0.3905



29.7216, 0.2729, 0.3645



29.7216, 0.2441, 0.2662

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.7216, 0.3514, 0.2964



29.7216, 0.3952, 0.3509



29.7216, 0.2729, 0.3645



29.7216, 0.2367, 0.2981

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



29.7230, 0.3514, 0.2964



77.8559, 0.3222, 0.3196



28.1038, 0.2910, 0.2492



16.3190, 0.3239, 0.3181



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.7230, 0.3514, 0.2964



47.2620, 0.3628, 0.2892



30.0395, 0.3778, 0.3345



9.6011, 0.3224, 0.3194



7.6780, 0.5266, 0.2675



0.3138, 0.4654, 0.2338

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



29.7230, 0.3514, 0.2964



47.2620, 0.3628, 0.2892



43.3642, 0.2692, 0.3234



9.6011, 0.3224, 0.3194



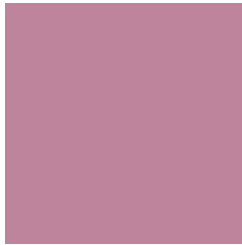
7.6780, 0.5266, 0.2675



0.3138, 0.4654, 0.2338

Previews

White Background



This preview shows how the Yxy color 29.7216, 0.3514, 0.2964 looks on a white background.

Color Contrast Check

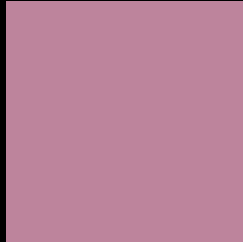
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 29.7216, 0.3514, 0.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

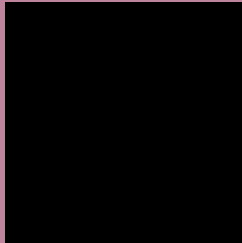
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.7216, 0.3514, 0.2964

Background



This preview shows how black text looks on a background with the Yxy color 29.7216, 0.3514, 0.2964.



This preview shows how white text looks on a background with the Yxy color 29.7216, 0.3514, 0.2964.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

29.7216, 0.3514, 0.2964

Protanopia

30.0440, 0.2941, 0.3013

Deuteranopia

29.8567, 0.3208, 0.3140



Tritanopia

29.7552, 0.3634, 0.3153

Trichromacy



Original Color

29.7216, 0.3514, 0.2964

Protanomaly

29.6360, 0.3141, 0.2994

Deuteranomaly

29.7807, 0.3310, 0.3072

Tritanomaly

29.6045, 0.3591, 0.3084

Monochromacy



Original Color

29.7216, 0.3514, 0.2964

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.5500, 0.3259, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7216, 0.3514, 0.2964 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(189, 132, 156)` looks like.

```
.text, #text, p{  
    color:rgb(189, 132, 156)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(189, 132, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 132, 156) }
```

Border

The CSS property to change the border of an element to Yxy 29.7216, 0.3514, 0.2964 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 132, 156) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(189, 132, 156) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(189, 132, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 132, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 132, 156);  
box-shadow:4px 4px 4px 4px rgb(189, 132,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7216, 0.3514, 0.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 132, 156) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(189,  
132, 156) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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